

3174-01

What is claimed is:

1. *(Cancelled)*
2. *(Original)* The method of claim 34, wherein the composition ~~composition of claim 1~~ further ~~comprising~~ comprises at least one other performance additive selected from the group consisting of dispersants, antioxidants, foam inhibitors, demulsifiers, friction modifiers, and viscosity modifiers.
3. *(Cancelled)*
4. *(Currently Amended)* The method of claim 34 ~~composition of claim 1~~, wherein the total sulphur content of the composition is below about 0.5 weight percent; wherein the total phosphorus content of the composition is below about 0.07 weight percent; and wherein the total sulphated ash content of the composition is below about 1.5 weight percent.
5. *(Currently Amended)* The method ~~composition~~ of claim 4, wherein the total sulphur content is below about 0.1 weight percent; wherein the total phosphorus content is about 100 ppm or less; and wherein the total sulphated ash content is below about 0.08 weight percent.

Claims 6-24 *(Cancelled)*

25. *(Currently Amended)* The method of claim 34 ~~composition of claim 1~~, wherein (a)(ii)(1) is at least one member selected from the group consisting of guanidine, aminoguanidine, 1,3-diaminoguanidine, acetamidine, formamidine, benzamidine, 3- and 4-aminobenzamidine, and reactive equivalents thereof.

Claims 26-27 *(Cancelled)*

28. **(Currently Amended)** The method of claim 34 ~~composition of claim 1~~, wherein (a)(ii)(5) is a pyrrole, a pyrrolidine, an imidazole, an imidazoline, a piperazine, a pyrazole, an oxazole, a pyridine, a piperidine, a pyrimidine, a purine, a benzotriazole, a 1,2,4-triazole, a quinoline, an isoquinoline, a carbazole or mixtures thereof.

29. **(Currently Amended)** The method of claim 34 ~~composition of claim 1~~, wherein (a)(ii)(6) is an aminoalcohol containing 1 to 6 hydroxyl groups, 1 to 8 amino groups, and 2 to 50 carbon atoms.

30. **(Currently Amended)** The method of claim 34 ~~composition of claim 29~~, wherein the aminoalcohol is a monoalkanolamine, a dialkanolamine, a trialkanolamine or mixtures thereof.

31. **(Currently Amended)** The method of claim 34, ~~composition of claim 1~~ wherein component (a) is free of metal.

Claims 32-33 (**Cancelled**)

34. **(Currently Amended)** A method for lubricating an internal combustion engine, comprising supplying to the engine ~~the composition claim 1~~ a composition comprising:

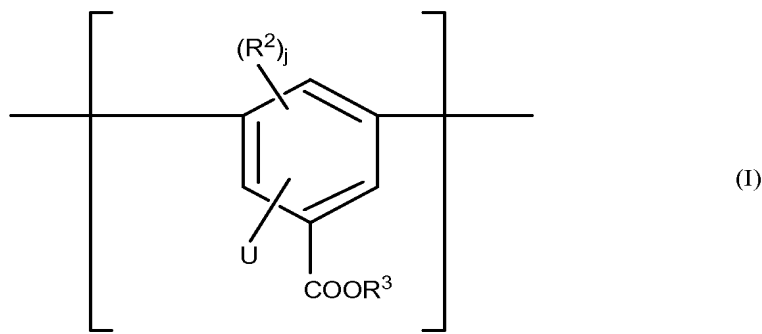
(a) 0.5 wt % to 15 wt % of the composition a sulphur free reaction product of:

(i) a hydrocarbyl substituted aromatic compound containing an acidic group selected from the group consisting of a carboxylic group, a hydroxyl group and mixtures thereof; and

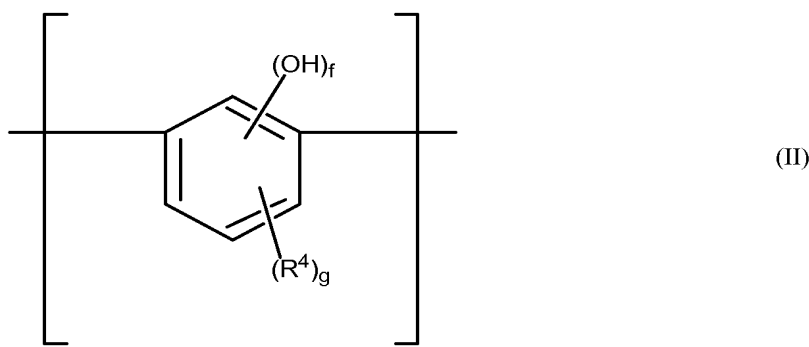
(ii) an organic nitrogen-containing base reacted with the acidic group, wherein the organic nitrogen-containing base is at least one member selected from the group consisting of (1) an amino-containing imine or a reactive equivalent thereof; (2) ammonia or a reactive equivalent thereof; (3) a nitrogen containing heterocycle; (4) an aminoalcohol; (5) a tetraalkylammonium salt; and (5) a non-heterocyclic aromatic amine; and

(b) an oil of lubricating viscosity.

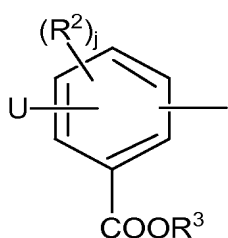
wherein (a)(i) is a substantially linear compound comprising at least one unit of the formula (I)



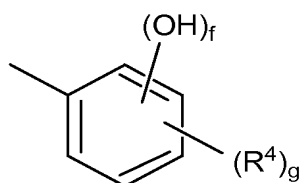
or the formula (ii)



wherein each end of the compound is terminated by a unit of the formula (III) or the formula (IV)



(III)



(IV)

and wherein the units of the compound are linked by divalent bridging groups which may be the same or different for each linkage; U is a hydroxyl group for (a)(i)(1) or is selected from the group consisting of $-\text{NH}_2$, $-\text{NHR}^1$, $-\text{N}(\text{R}^1)_2$ and mixtures thereof for (a)(i)(2) wherein R^1 is a hydrocarbyl group containing 1 to 5 carbon atoms; R^2 is a

hydroxyl group and j is 0, 1 or 2; R³ is hydrogen or a hydrocarbyl group; f is 1, 2 or 3; R⁴ is a hydrocarbyl group or a substituted hydrocarbyl group and g is 1, 2 or 3 provided that at least one R⁴ group contains 8 or more carbon atoms; and wherein the compound on average contains at least one unit of formula (I) or (III) and at least one unit of formula (II) or (IV) and the ratio of the total number of units (I) and (III) to the total number of units of (II) and (IV) in the compound is about 0.1:1 to about 2:1.2.

Claims 35-36 (*Cancelled*)

37. (*Currently Amended*) The method of claim 34 ~~composition of claim 1~~, wherein the sulphur free reaction product is neutralized.